L Number	Hits	Search Text	DB	Time stamp
1	1	5912257.pn.	USPAT;	2003/11/14 15:37
			US-PGPUB;	
			EPO	
2	413	ceramic same vitro\$8	USPAT;	2003/11/14 15:38
ļ			US-PGPUB;	
_			EPO	
3	0	5912257.pn. and (ceramic same vitro\$8)	USPAT;	2003/11/14 15:38
			US-PGPUB;	
	400	10	EPO	000044444500
4	186	vitroceramic (vitro adj2 ceramic)	USPAT;	2003/11/14 15:39
			US-PGPUB;	
5	0	(vitroceramic (vitro adi2 ceramic)) same data	EPO USPAT:	2003/11/14 15:40
3	١	(Villoceraniic (Villo adjž ceraniic)) same data	US-PGPUB;	2003/11/14 13.40
			EPO	
6	5	(vitroceramic (vitro adj2 ceramic)) same (stor\$4 record\$4	USPAT:	2003/11/14 15:42
	Ĭ	memory)	US-PGPUB;	2000,
			EPO	
7	2	((vitroceramic (vitro adj2 ceramic)) and (data near6 (stor\$4	USPAT:	2003/11/14 15:43
		record\$4 memory))) not ((vitroceramic (vitro adj2 ceramic)) same	US-PGPUB;	
		(stor\$4 record\$4 memory))	EPO	

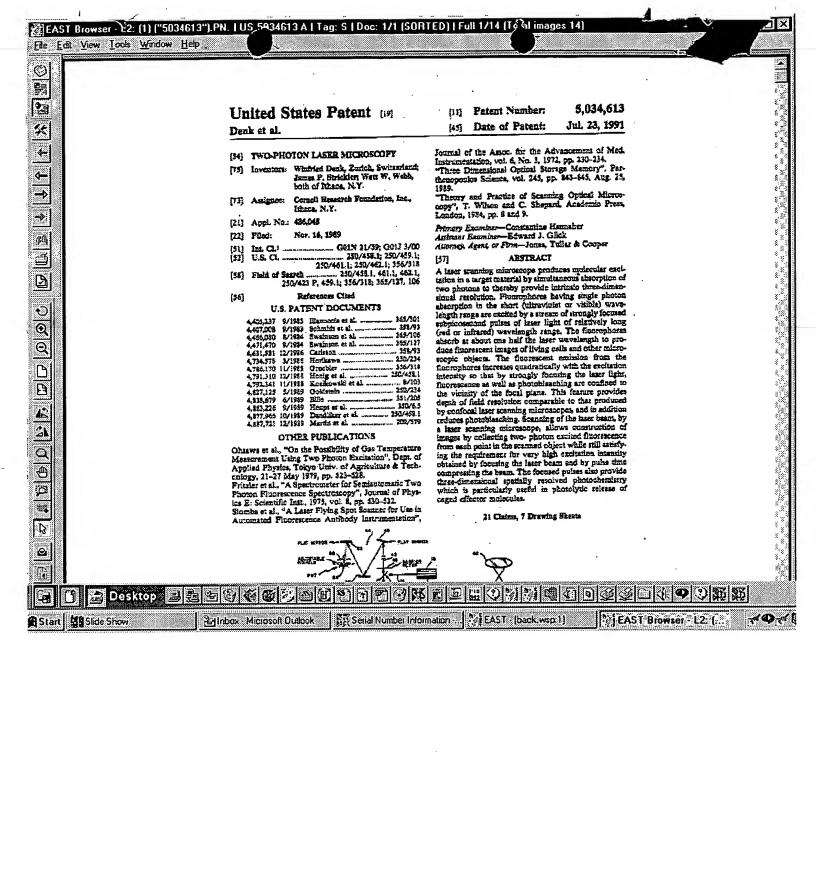
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SEARCH REQUEST FORM

Scientific and Technical Information Center

Art Unit: Phon	e Number 30_	Serial Number:	Date: 11-14-13 4
Mail Box and Bldg/Room Locat	ionF	Results Format Preferred (circle	e): PAPER DISK E-MAIL
If more than one search is sul	bmitted, please prior	ritize searches in order of	need.
Please provide a detailed statement of. Include the elected species or structure utility of the invention. Define any tenknown. Please attach a copy of the cov.	s, keywords, synonyms, ac ms that may have a special	cronyms, and registry numbers, and I meaning. Give examples or relev	combine with the concept or
Title of Invention:			
Inventors (please provide full names)	:		·
		<u> </u>	
Earliest Priority Filing Date:			·
For Sequence Searches Only Please inc appropriate serial number.	lude all pertinent informatio	on (parent, child, divisional, or issued	patent numbers) along with the
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STAFF USE ONLY	Type of Search	**************************************	**************************************
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Searchier Phone #: 306-0233	AA Sequence (#)	Dialog	
Searcher Location: YILCS (N) Date Searcher Picked Up: N 14	Structure (#) Bibliographic	Questel/Orbit	
Date Completed:	Bibliographic	Dr.Link	•
Scarcher Prep & Review Time:	Fulltext	Sequence Systems	
Clerical Prep Time:	Patent Family	WWW/Internet	
Online Time:	Other	Other (specify)	



File 344: Chinese Patents Abs Aug 1985-2003/Apr (c) 2003 European Patent Office File 347: JAPIO Oct 1976-2003/Jul (Updated 031105) (c) 2003 JPO & JAPIO File 350: Derwent WPIX 1963-2003/UD, UM & UP=200373 (c) 2003 Thomson Derwent ? ds Description Set Items VITROCERAMIC AND (MEMORY OR STORAGE) S1 3D OR (THREE OR THIRD OR 3) (3N) (DIMENSION? OR SHAPE? OR MO-194665 S2 DEL? OR REPRESENTATION? OR SCENE?) S1 AND S2 S3 VITROCERAMIC (5N) (MEMORY OR STORAGE) S4 **S**5 28 VITROCERAMIC 2 S6 S2 AND S5

S1 OR S3 OR S4 OR S6

S7

7/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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013371018 **Image available**
WPI Acc No: 2000-542957/200049

XRAM Acc No: C00-161497 XRPX Acc No: N00-401649

Data storage and retrieval system for storing and retrieving information, has coherent light beam generators and optical positioning system

Patent Assignee: PAVEL E (PAVE-I)

Inventor: PAVEL E

Number of Countries: 082 Number of Patents: 002

Patent Family:

Applicat No Patent No Kind Date Kind Date Week 200049 20000602 WO 98RO21 19981125 Α WO 200031733 A1 WO 98RO21 200049 Α 19981125 AU 9915797 20000613 Α AU 9915797 19981125 Α

Priority Applications (No Type Date): WO 98RO21 A 19981125

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200031733 A1 E 63 G11B-007/24

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9915797 A G11B-007/24 Based on patent WO 200031733

Data storage and retrieval system for storing and retrieving information, has coherent light beam generators and optical...

Abstract (Basic):

... A data **storage** and retrieval system comprises two coherent light beam generators (5, 6) for generating two light...

...for directing the light beams to irradiate an individually selected volume (8) of an optical **memory** (1) to produce a change in fluorescence characteristics in the selected volume.

. INDEPENDENT CLAIMS are also included for a) method for retrieving data from a fluorescent photosensitive three - dimensional optical memory comprising generating two reading light beams, exciting at least an individually selected volume of the optical memory with the light beams at predetermined reading wavelengths, and detecting fluorescence in at least the selected volume; and b) a three - dimensional optical memory comprising the fluorescent photosensitive glass...

...For storing and retrieving information from a **three** - **dimensional** fluorescent photosensitive optical **memory** .

...The invention allows for writing to individually selected volumes of the optical memory without affecting neighboring bit locations, which allows smaller volumes to be used for each bit location, thus increasing memory capacity...

...Optical memory (1

Technology Focus:

Preferred Compositions: The fluorescent photosensitive **memory** comprises glass having rare earths. The rare earths can be ytterbium (Yb) and/or samarium...

...20-80), yttrium (Y)(0-5), and rare earths in oxide form (0-5). The memory comprises vitroceramic having photosensitizing metals from gold and/or copper, or rare earths from praseodymium (Pr), Dy, Er, Ho, europium (Eu), and/or Tm. The vitroceramic further includes (mol%) SiO2 (10-60), lead fluoride (5-60), antimony oxide (0.05-0...

...can be Er, Ho, and/or Tm, or preferably Pr, Dy, and/or Ho. The vitroceramic converts incident infrared radiation into visible light. Extension Abstract:

titanium:sapphire or pulse lasers. The generators irradiate the individually selected volume of the optical memory with two light beams at two predetermined writing wavelengths. An optical positioning system that can be a confocal microscope (2) is included for focusing the light beams on the optical memory. The optical positioning system comprises vertical and radial scanning systems (3, 4) to position the light beams along a vertical and radial axis of the memory. A reading system is included for reading information from the memory. The reading light beam generators are coherent light beam generators.

... Title Terms: STORAGE;

7/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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012218724 **Image available**
WPI Acc No: 1999-024830/199902

XRPX Acc No: N99-019002

Fluorescent photosensitive material for 3 D optical memory - has data imparted to optical disc by vertical and radial scanning systems via confocal micropscope using flourescent disc material

Patent Assignee: PAVEL E (PAVE-I)

Inventor: PAVEL E

Number of Countries: 083 Number of Patents: 005

Patent Family:

Patent No Kind Date Applicat No Kind Date Week WO 9853448 A1 19981126 WO 98RO6 Α 19980520 199902 AU 9876792 199917 AU 9876792 Α 19981211 Α 19980520 20000228 RO 928 19970521 200020 RO 114383 B1 Α EP 1012833 20000628 EP 98924688 19980520 200035 Α Α1 WO 98RO6 Α 19980520 JP 2000512061 W 20000912 JP 98550275 Α 19980520 200050 WO 98RO6 Α 19980520

Priority Applications (No Type Date): RO 928 A 19970521

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9853448 A1 E 11 G11B-007/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9876792 Α G11B-007/00 Based on patent WO 9853448 G11B-007/00 RO 114383 В1 A1 E G11B-007/00 Based on patent WO 9853448 EP 1012833 Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE 15 G11B-007/004 Based on patent WO 9853448 JP 2000512061 W

Fluorescent photosensitive material for 3 D optical memory -

- ... Abstract (Basic): The memory system is used to produce a write-once-read-many disc that has data in a three dimensional structure. To write to a rotating disc, a laser beam (5) is applied to the...
- ...a confocal microscope. Vertical (3) and radial (4) scanning systems direct the focused beam through three dimensions of the disc. The disc has a flourescent photosensitive material, e.g. glass or vitroceramic as the support for the memory . The material suffers a transition producing flourescence extinction...
- ...ADVANTAGE Provides a very large memory capacity but storing data in dimensions on a disc... three
- ... Title Terms: MEMORY;

(Item 3 from file: 350) 7/3, K/3DIALOG(R) File 350: Derwent WPIX (c) 2003 Thomson Derwent. All rts. reserv.

Image available 008613621 WPI Acc No: 1991-117651/199116

XRPX Acc No: N91-090559

Cooking appliance controller - has microprocessor which compares measured temp, beneath cooking vessel with stored control curve

Patent Assignee: CEPEM CIE EURO EQUIP MENAGER (CEPE)

Inventor: BOYER S; GOUARDO D; PITOT P

Number of Countries: 019 Number of Patents: 009

Patent Family:							
Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9104524	A	19910404				199116	В
FR 2652172	A	19910322				199121	
EP 491820	A1	19920701	EP 90914205	Α	19900914	199227	
			WO 90FR660	Α	19900914		
JP 5502128	W	19930415	JP 90513290	Α	19900914	199320	
0. 001			WO 90FR660	Α	19900914		
US 5324917	Α	19940628	WO 90FR660	Α	19900914	199425	
			US 92836264	Α	19920228		
EP 491820	B1	19941221	EP 90914205	Α	19900914	199504	
21			WO 90FR660	Α	19900914		
DE 69015364	E	19950202	DE 615364	Α	19900914	199510	
22 0302000	_		EP 90914205	Α	19900914		
•			WO 90FR660	Α	19900914		
ES 2065549	Т3	19950216	EP 90914205	Α	19900914	199513	
RU 2066969	C1	19960927	SU 5011668	Α	19900914	199720	
1.0 20,0303	-		WO 90FR660	Α	19900914		
			>011000				

Priority Applications (No Type Date): FR 8912105 A 19890915

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9104524

Designated States (National): CA JP KR SU US

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Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE
                                     Based on patent WO 9104524
EP 491820
              Al F
                       G05D-023/19
   Designated States (Regional): AT BE CH DE DK ES FR GB IT LI LU NL SE
                                     Based on patent WO 9104524
JP 5502128
              W
                       G05D-023/19
                                     Based on patent WO 9104524
US 5324917
              Α
                    13 H05B-001/02
                                     Based on patent WO 9104524
              B1 F 15 G05D-023/19
EP 491820
   Designated States (Regional): AT BE CH DE DK ES FR GB IT LI LU NL SE
DE 69015364
                       G05D-023/19
                                     Based on patent EP 491820
                                     Based on patent WO 9104524
ES 2065549
                       G05D-023/19
                                     Based on patent EP 491820
              Т3
RU 2066969
              C1
                     9 A47J-027/62
... Abstract (Equivalent): cooking surfaces where cooking is done by
    induction. The temp sensor is located under a vitroceramic hob...
... Title Terms: STORAGE;
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THE PARTY OF THE P

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2:INSPEC 1969-2003/Nov W1
File
         (c) 2003 Institution of Electrical Engineers
       6:NTIS 1964-2003/Nov W3
File
         (c) 2003 NTIS, Intl Cpyrght All Rights Res
       8:Ei Compendex(R) 1970-2003/Nov W1
File
         (c) 2003 Elsevier Eng. Info. Inc.
      34:SciSearch(R) Cited Ref Sci 1990-2003/Nov W2
File
         (c) 2003 Inst for Sci Info
      35:Dissertation Abs Online 1861-2003/Oct
File
         (c) 2003 ProQuest Info&Learning
      65:Inside Conferences 1993-2003/Nov W2
File
         (c) 2003 BLDSC all rts. reserv.
      94:JICST-EPlus 1985-2003/Nov W2
File
         (c) 2003 Japan Science and Tech Corp(JST)
      95:TEME-Technology & Management 1989-2003/Oct W4
File
         (c) 2003 FIZ TECHNIK
      99: Wilson Appl. Sci & Tech Abs 1983-2003/Oct
File
         (c) 2003 The HW Wilson Co.
File 144: Pascal 1973-2003/Nov W1
         (c) 2003 INIST/CNRS
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
         (c) 2003, EBSCO Pub.
File 239:Mathsci 1940-2003/Dec
         (c) 2003 American Mathematical Society
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 583: Gale Group Globalbase (TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c) 2001 ProQuest Info&Learning
File 483: Newspaper Abs Daily 1986-2003/Nov 13
         (c) 2003 ProQuest Info&Learning
File 248:PIRA 1975-2003/Nov W2
         (c) 2003 Pira International
       5:Biosis Previews(R) 1969-2003/Nov W2
File
         (c) 2003 BIOSIS
     73:EMBASE 1974-2003/Nov W2
File
         (c) 2003 Elsevier Science B.V.
File 155:MEDLINE(R) 1966-2003/Nov W2
         (c) format only 2003 The Dialog Corp.
File 172:EMBASE Alert 2003/Nov W2
         (c) 2003 Elsevier Science B.V.
? ds
        Items
                Description
Set
                VITROCERAMIC AND (MEMORY OR STORAGE)
S1
            2
                3D OR (THREE OR THIRD OR 3) (3N) (DIMENSION? OR SHAPE? OR MO-
S2
      1412814
             DEL? OR REPRESENTATION? OR SCENE?)
S3
            0
                S1 AND S2
S4
                RD S1 (unique items)
            2
S5
            0
                VITROCERAMIC (5N) (MEMORY OR STORAGE)
S6
          160
                VITROCERAMIC
                S2 AND S6
S7
```

4/3,K/1 (Item 1 from file: 6)

DIALOG(R) File 6:NTIS

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1989288 NTIS Accession Number: TIB/A96-06429

CERAPOWER Phase 2. Bd. 2. Berichtsteile Unterauftragnehmer. Abschlussbericht. (CERAPOWER phase 2. Pt. 2. Reports of subcontractors. Final report)

Dornier G.m.b.H., Friedrichshafen (Germany, F.R.).

Corp. Source Codes: 062779000; 9202703

Jul 96 139p Languages: German

Journal Announcement: GRAI9706

In German.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC E14

... 10 MWatt system), and KFA (two tasks: 1. Shear experiments and stress relaxation measurements with **vitroceramic** filler materials, 2. R and D work for SOFC in the field of materials science...

4/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03356900 E.I. Monthly No: EI9201008548

Title: Handling nuclear power station wastes in a pilot plant fitted with an electrical bath oven.

Author: Sobolev, I. A.; Lifanov, F. A.; Stefanovskii, S. V.; Dmitriev, S. A.; Musatov, N. D.; Kobelev, A. P.; Zakharenko, N. V.

Source: Soviet Atomic Energy (English translation of Atomnaya Energiya) v 69 n 4 Apr 1991 p 848-852

Publication Year: 1991

CODEN: SATEAZ ISSN: 0038-531X

Language: English

... Abstract: effective way of disposing of medium-activity wastes is to incorporate them into vitreous or **vitroceramic** material with high chemical and radiation resistance and good mechanical strength. Laboratory studies have shown...

...nuclear power station waste, can be incorporated reliably into glasses. The leakage rates during prolonged storage are lower than in the cement and bitumen treatments, while the volume retention factor is higher. Also, the method provides fire safety during the processing, transportation, and storage. Certain types of medium-active waste can be vitrified in a pilot plant based on...

?

File 348:EUROPEAN PATENTS 1978-2003/Nov W02

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031106,UT=20031030

(c) 2003 WIPO/Univentio

? ds

Set Items Description
S1 3 VITROCERAMIC(5N) (MEMORY OR STORAGE)
S2 196595 3D OR (THREE OR THIRD OR 3) (3N) (DIMENSION? OR SHAPE? OR MODEL? OR REPRESENTATION? OR SCENE?)
S3 1 S1(10N)S2

S3 1 S1(10N)S2 S4 2 S1 NOT S3 3/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00568360 **Image available**
THREE-DIMENSIONAL OPTICAL MEMORY WITH FLUORESCENT PHOTOSENSITIVE MATERIAL
MEMOIRE OPTIQUE TRIDIMENSIONNELLE A MATIERE PHOTOSENSIBLE FLUORESCENTE

Patent Applicant/Assignee:

PAVEL Eugen, Inventor(s): PAVEL Eugen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200031733 A1 20000602 (WO 0031733)
Application: WO 98RO21 19981125 (PCT/WO RO9800021)

Priority Application: WO 98RO21 19981125

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English Fulltext Word Count: 12861

Fulltext Availability: Detailed Description Claims

Detailed Description ... volumes that had not been written to.

The present invention was also tested on a three - dimensional optical memory made from fluorescent photosensitive vitroceramic doped with terbium. The optical memory had the following composition, in weight percent: @30S'02-45PbF2-14A'203-10YF3-1TbF3-0...

Claim

... 5 mole percent of said two or more rare earths in oxide form.

91 A three - dimensional optical memory comprising fluorescent photosensitive vitroceramic, wherein said vitroceramic comprises one or more photosensitizing metals and one or more rare earths...

...dysprosium (Dy), erbium. (Er), holmium (Ho), europium. (Eu), thulium. (Tm) and combinations thereof.

92 The three - dimensional optical memory of fluorescent photosensitive vitroceramic according to claim 91 wherein said vitroceramic further comprises, in mole percent, about 10% to...

... Lnl is selected from the group consisting of yttrium (Y) and ytterbium. (Yb).

93 The three - dimensional optical memory of fluorescent photosensitive vitroceramic according to claim 92 wherein said LnI comprises ytterbium. (Yb) and

- 53 said Ln2 is...

...whereby said vitroceramic is capable of converting incident infrared radiation into visible light.

94 The three - dimensional optical memory of fluorescent photosensitive vitroceramic according to claim 93 wherein said Lnl comprises yttrium (Y) and said Ln2 is selected...

4/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT 'FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00552796 **Image available**
APPARATUS, HOLOGRAPHIC PROCESS FOR DUPLICATING OPTICAL AND HOLOGRAPHIC MEMORIES, AND MEMORY COPY OBTAINED THEREOF
DISPOSITIF, PROCEDE HOLOGRAPHIQUE DE DUPLICATION DE MEMOIRES HOLOGRAPHIQUES ET OPTIQUES, ET COPIE DE MEMOIRE AINSI OBTENUE

Patent Applicant/Assignee:

PAVEL Eugen, Inventor(s):

PAVEL Eugen,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200016169 A1 20000323 (WO 0016169)
Application: WO 99R013 19990909 (PCT/WO RO9900013)

Priority Application: US 98151136 19980910

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 11098
Fulltext Availability:
Detailed Description

Claims

Detailed Description

... Example I was carried out in order to obtain an accurate replica of the original **memory** .

Example 3

A fluorescent photosensitive vitroceramic doped with Thulium was used as the holographic material. The composition of the holographic material...

Claim

... memory, (b) said memory template blank, and (c) said copy substrate, as a fluorescent photosensitive vitroceramic .

82 The optical **memory** copy of claim 8 1, wherein said recording method comprises using fluorescent photosensitive vitroceran-& comprising

...to said vitroceramic and said one or more rare earths imparting fluorescent properties to said vitroceramic .

83 The optical **memory** copy of claim 82, wherein said recording method further comprises selecting said one or more...

...optical memory copy of claim 83, wherein said recording process further comprises using a fluorosilicate vitroceramic.

85 The optical memory copy of claim 84 , wherein said recording method comprises using said vitroceramic further comprising, in...

...90 The optical memory copy characterized in that the copy substrate is a fluorescent photosensitive vitroceramic, wherein said memory

enhancement with more than 5%, between recorded... (Item 2 from file: 349) 4/3, K/2DIALOG(R) File 349: PCT FULLTEXT (c) 2003 WIPO/Univentio. All rts. reserv. **Image available** THREE-DIMENSIONAL OPTICAL MEMORY WITH FLUORESCENT PHOTOSENSITIVE MATERIAL TRIDIMENSIONNELLE A BASE DE MATERIAUX FLUORESCENTS MEMOIRE OPTIQUE **PHOTOSENSIBLES** Patent Applicant/Assignee: PAVEL Eugen, Inventor(s): PAVEL Eugen, Patent and Priority Information (Country, Number, Date): WO 9853448 Al 19981126 WO 98RO6 19980520 (PCT/WO RO9800006) Application: Priority Application: RO 97928 19970521 Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG Publication Language: English Fulltext Word Count: 1395 Fulltext Availability: Detailed Description Detailed Description ... 2) Nd:YAG laser with ?,, =532 nm.Example 3: A Th doped fluorescent photosensitive vitroceramic is used for the optical **memory** (wt%), namely. -30SiO, -45PbF, -14AI, O-, -IOYF, - ITbF3 05Sb, O., -O.OIAg

The recording and ...

copy contains zones with difference in fluorescence intensities,

9:Business & Industry(R) Jul/1994-2003/Nov 13 File (c) 2003 Resp. DB Svcs. 15:ABI/Inform(R) 1971-2003/Nov 14 File (c) 2003 ProQuest Info&Learning 16:Gale Group PROMT(R) 1990-2003/Nov 13 File (c) 2003 The Gale Group 20:Dialog Global Reporter 1997-2003/Nov 14 File (c) 2003 The Dialog Corp. 47:Gale Group Magazine DB(TM) 1959-2003/Nov 13 File (c) 2003 The Gale group 75:TGG Management Contents(R) 86-2003/Nov W1 File (c) 2003 The Gale Group 80:TGG Aerospace/Def.Mkts(R) 1986-2003/Nov 13 File (c) 2003 The Gale Group 88:Gale Group Business A.R.T.S. 1976-2003/Nov 12 File (c) 2003 The Gale Group 98:General Sci Abs/Full-Text 1984-2003/Oct File (c) 2003 The HW Wilson Co. File 112:UBM Industry News 1998-2003/Nov 14 (c) 2003 United Business Media File 141:Readers Guide 1983-2003/Oct (c) 2003 The HW Wilson Co File 148:Gale Group Trade & Industry DB 1976-2003/Nov 14 (c) 2003 The Gale Group File 160:Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group File 275:Gale Group Computer DB(TM) 1983-2003/Nov 13 (c) 2003 The Gale Group File 264:DIALOG Defense Newsletters 1989-2003/Nov 14 (c) 2003 The Dialog Corp. File 369: New Scientist 1994-2003/Nov W2 (c) 2003 Reed Business Information Ltd. File 370:Science 1996-1999/Jul W3 (c) 1999 AAAS File 484:Periodical Abs Plustext 1986-2003/Nov W2 (c) 2003 ProQuest File 553: Wilson Bus. Abs. FullText 1982-2003/Oct (c) 2003 The HW Wilson Co File 570: Gale Group MARS(R) 1984-2003/Nov 14 (c) 2003 The Gale Group File 608:KR/T Bus.News. 1992-2003/Nov 14 (c) 2003 Knight Ridder/Tribune Bus News File 620:EIU:Viewswire 2003/Nov 13 (c) 2003 Economist Intelligence Unit File 613:PR Newswire 1999-2003/Nov 14 (c) 2003 PR Newswire Association Inc File 621: Gale Group New Prod. Annou. (R) 1985-2003/Nov 14 (c) 2003 The Gale Group File 623: Business Week 1985-2003/Nov 13 (c) 2003 The McGraw-Hill Companies Inc File 624:McGraw-Hill Publications 1985-2003/Nov 13 (c) 2003 McGraw-Hill Co. Inc File 634:San Jose Mercury Jun 1985-2003/Nov 13 (c) 2003 San Jose Mercury News File 635: Business Dateline(R) 1985-2003/Nov 14 (c) 2003 ProQuest Info&Learning File 636: Gale Group Newsletter DB(TM) 1987-2003/Nov 13 (c) 2003 The Gale Group File 647:CMP Computer Fulltext 1988-2003/Oct W3 (c) 2003 CMP Media, LLC File 696:DIALOG Telecom. Newsletters 1995-2003/Nov 13

(c) 2003 The Dialog Corp. File 674: Computer News Fulltext 1989-2003/Nov W2 (c) 2003 IDG Communications File 810: Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire File 813:PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc ? ds Items Description Set VITROCERAMIC (5N) (MEMORY OR STORAGE) S1 0 S2 25 VITROCERAMIC S2(S) (THREE OR THIRD OR 3) (3N) (DIMENSION? OR SHAPE? OR MOD-S3 EL? OR REPRESENTATION? OR SCENE?)

S2(S)3D

S4